

USSN - 10/549,619

In The Sequence Listing

Please enter the attached Sequence Listing, numbered as pages 1-7, as a separate part of the disclosure in accordance with 37 CFR §1.821.

SEQ LISTING.ST25.txt
SEQUENCE LISTING

<110> Nuevolution A/S
<120> Ligational encoding of small molecules
<130> P909PC00
<160> 19
<170> PatentIn version 3.3

<210> 1
<211> 7
<212> DNA
<213> Artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<222> (2)..(3)
<223> n is a, c, g, t or u

<220>
<221> misc_feature
<222> (5)..(6)
<223> n is a, c, g, t or u

<400> 1
tnnanna

7

<210> 2
<211> 7
<212> DNA
<213> Artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<222> (2)..(3)
<223> n is a, c, g, t or u

<220>
<221> misc_feature
<222> (5)..(6)
<223> n is a, c, g, t or u

<400> 2
annannt

7

<210> 3
<211> 7
<212> DNA
<213> Artificial

<220>
<223> synthetic

<220>

<221> misc_feature
 <222> (1)..(1)
 <223> phosphate

<220>
 <221> misc_feature
 <222> (2)..(3)
 <223> n is a, c, g, t or u

<220>
 <221> misc_feature
 <222> (4)..(4)
 <223> carboxy d-T

<220>
 <221> misc_feature
 <222> (5)..(6)
 <223> n is a, c, g, t or u

<400> 3
 tnnnnna

7

<210> 4
 <211> 7
 <212> DNA
 <213> Artificial

<220>
 <223> synthetic

<220>
 <221> misc_feature
 <222> (1)..(1)
 <223> phosphate

<220>
 <221> misc_feature
 <222> (2)..(3)
 <223> n is a, c, g, t or u

<220>
 <221> misc_feature
 <222> (4)..(4)
 <223> Carboxy-dT

<220>
 <221> misc_feature
 <222> (5)..(6)
 <223> n is a, c, g, t or u

<400> 4
 annnnnt

7

<210> 5
 <211> 60
 <212> DNA
 <213> Artificial

<220>
 <223> synthetic

<220>
 <221> misc_feature
 <222> (57)..(57)

SEQ LISTING.ST25.txt

<223> Carboxy-dT

<400> 5
agcagttagt agtttgtagt atgtagtacc tcgaccactt tttgtggtcg aggtacnaca 60

<210> 6
<211> 67
<212> DNA
<213> Artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<222> (57)..(57)
<223> Carboxy-dT

<220>
<221> misc_feature
<222> (64)..(64)
<223> Carboxy-dT

<400> 6
agcagttagt agtttgtagt atgtagtacc tcgaccactt tttgtggtcg aggtacnaca 60
tagnaca 67

<210> 7
<211> 74
<212> DNA
<213> Artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<222> (57)..(57)
<223> Carboxy-dT

<220>
<221> misc_feature
<222> (64)..(64)
<223> Carboxy-dT

<220>
<221> misc_feature
<222> (71)..(71)
<223> Carboxy-dT

<400> 7
agcagttagt agtttgtagt atgtagtacc tcgaccactt tttgtggtcg aggtacnaca 60
tagnacaaac nact 74

<210> 8
<211> 7
<212> DNA
<213> Artificial

<220>
<223> synthetic

SEQ LISTING.ST25.txt

<220>
 <221> misc_feature
 <222> (1)..(1)
 <223> phosphate

<220>
 <221> misc_feature
 <222> (4)..(4)
 <223> C6 amino-dT

<400> 8
 atgncat

7

<210> 9
 <211> 7
 <212> DNA
 <213> Artificial

<220>
 <223> synthetic

<220>
 <221> misc_feature
 <222> (4)..(4)
 <223> carboxy-dT

<400> 9
 atcngta

7

<210> 10
 <211> 45
 <212> DNA
 <213> Artificial

<220>
 <223> synthetic

<220>
 <221> misc_feature
 <222> (1)..(1)
 <223> phosphate

<400> 10
 ctaggtagta gacgatatct ctactaccta gatgacatat caagt

45

<210> 11
 <211> 53
 <212> DNA
 <213> Artificial

<220>
 <223> synthetic

<400> 11
 agcagtttgt agtaagtact ttgtagtacc tcgaccactt tttgtggtcg agg

53

<210> 12
 <211> 62
 <212> DNA
 <213> Artificial

SEQ LISTING.ST25.txt

```

<220>
<223> synthetic

<400> 12
attgagcagt tagtagtttg tactatgtag tacctcgacc acctatatgt ctgtggtcga    60
gg                                                                    62

<210> 13
<211> 7
<212> DNA
<213> Artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<222> (1)..(1)
<223> phosphate

<220>
<221> misc_feature
<222> (4)..(4)
<223> carboxy dT

<400> 13
tacnaca                                                                    7

<210> 14
<211> 7
<212> DNA
<213> Artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<222> (1)..(1)
<223> phosphate

<220>
<221> misc_feature
<222> (4)..(4)
<223> carboxy dT

<400> 14
tacnaca                                                                    7

<210> 15
<211> 7
<212> DNA
<213> Artificial

<220>
<223> synthetic

<220>
<221> misc_feature
<222> (1)..(1)

```

SEQ LISTING.ST25.txt

<223> phosphate

<220>

<221> misc_feature

<222> (4)..(4)

<223> carboxy dT

<400> 15

aacnact

7

<210> 16

<211> 7

<212> DNA

<213> Artificial

<220>

<223> synthetic

<220>

<221> misc_feature

<222> (1)..(1)

<223> phosphate

<400> 16

acttgat

7

<210> 17

<211> 7

<212> DNA

<213> Artificial

<220>

<223> synthetic

<220>

<221> misc_feature

<222> (1)..(1)

<223> phosphate

<400> 17

atgtcat

7

<210> 18

<211> 59

<212> DNA

<213> Artificial

<220>

<223> synthetic

<220>

<221> misc_feature

<222> (1)..(1)

<223> phosphate

<400> 18

acttgatatg tcatctaggt agtagacgat atctctacta cctagatgac atatcaagt

59

<210> 19

<211> 7

<212> DNA

<213> Artificial

<220>

<223> synthetic

<400> 19

atgcctg

7